HIGH SPEED TRANSVERSE CUTTER FOR WEBS

Abstract of Disclosure

A web transport system operates cyclically to advance a web and provide a synchronization signal at a known point in a cutting cycle. A drive system oscillates a cutting knife from a resting position to an active position and back in response to an actuating signal. A sensor in the path of the cutting knife provides a position signal when the cutting knife is at a predetermined position that is substantially different than the resting position. A controller receives the synchronization signal, provides the actuating signal at a time relative to the synchronization signal, receives the position signal, and adjusts subsequent actuating signals in response to the position signal so that the cutting knife arrives at the predetermined position substantially at a predetermined point in the cutting cycle.